**Almer Casile**

**From:** Yehle, Ray [safety@best-bath.com]
**Sent:** Wednesday, May 24, 2006 3:51 PM
**To:** Almer Casile
**Subject:** RE: Periodic Compliance Certification & Semiannual Monitoring Reports

You're exactly right. I was reading thru the Mact and got a little confused with the dates, but it seems that the formatting hasn't changed.

Ray

-----Original Message-----
**From:** Almer.Casile@deq.idaho.gov [mailto:Almer.Casile@deq.idaho.gov]
**Sent:** Tuesday, May 23, 2006 12:37 PM
**To:** Yehle, Ray
**Subject:** RE: Periodic Compliance Certification & Semiannual Monitoring Reports

I think you mean the following:

21. The permittee shall submit compliance certifications during the term of the permit for each emissions unit to DEQ and the EPA as follows:

    a. The compliance certifications for all emissions units shall be from June 7 to June 6 and submitted annually on July 7, or more frequently, if specified by the underlying applicable requirement or elsewhere in this permit by DEQ.

This allows you to compile a years worth of data and accounts for the lag time in data collection associated with end of month reporting.

***Semiannual Monitoring Reports***

24. In addition to all applicable reporting requirements identified in this permit, the permittee shall submit reports of any required monitoring at least every six months. The permittee's semiannual reporting periods shall be from January 2 to June 2 and June 3 to January 1. All instances of deviations from this operating permit's requirements must be clearly identified in the report. The semiannual reports shall be submitted to DEQ within 30 days of the end of the specified reporting period.

**[IDAPA 58.02.02.322.15.q, 3/23/98; IDAPA 58.02.02.322.08.c, 4/5/00; 40 CFR 70.6(a)(3)(iii)]**

This takes into account your requested dates. I couldn't quite understand what you wanted with the data you submitted because the dates jumped around.

If this is not the dates you were requesting, please contact me. I will follow up with a phone call to confirm that you received this email.

Almer Casile
Permit Writer
Dept. of Environment Quality
1410 N. Hilton St.
Boise, ID 83706-1255
P: (208) 373-0216
F: (208) 373-0340

**From:** Yehle, Ray [mailto:safety@best-bath.com]
**Sent:** Tuesday, May 23, 2006 9:03 AM
**To:** Almer Casile
**Subject:** RE: Periodic Compliance Certification & Semiannual Monitoring Reports

21. 6/06-6/07…and continue annually starting with the month of June.
22. In the order of your paragraph, these dates as follows: 1/2-6/2; 3/1-9/1; 6/1-12/1; 8/1-2/1..

Any questions please give me a call or email, sorry for the delay.

Ray

-----Original Message-----
**From:** Almer.Casile@deq.idaho.gov [mailto:Almer.Casile@deq.idaho.gov]
**Sent:** Wednesday, May 10, 2006 12:46 PM
**To:** Yehle, Ray
**Subject:** Periodic Compliance Certification & Semiannual Monitoring Reports

Ray,

Would you please fill in the dates for the following so I can send you a draft Tier I operating permit for your Boise plant:

### *Periodic Compliance Certification*

21. The permittee shall submit compliance certifications during the term of the permit for each emissions unit to DEQ and the EPA as follows:

    a. The compliance certifications for all emissions units shall be submitted annually from **DATE TO DATE** or more frequently if specified by the underlying applicable requirement or elsewhere in this permit by DEQ.

### *Semiannual Monitoring Reports*

24. In addition to all applicable reporting requirements identified in this permit, the permittee shall submit reports of any required monitoring at least every six months. The permittee's semiannual reporting periods shall be from **[INSERT MONTH & DAY]** to **[INSERT MONTH & DAY]** and **[INSERT MONTH & DAY]** to **[INSERT MONTH & DAY]**. All instances of deviations from this operating permit's requirements must be clearly identified in the report. The semiannual reports shall be submitted to DEQ within 30 days of the end of the specified reporting period.

**[IDAPA 58.02.02.322.15.q, 3/23/98; IDAPA 58.02.02.322.08.c, 4/5/00; 40 CFR 70.6(a)(3)(iii)]**

Please contact me if you have any questions.

Almer Casile
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F: (208) 373-0340

**Almer Casile**

**From:** Yehle, Ray [safety@best-bath.com]
**Sent:** Thursday, October 27, 2005 8:20 AM
**To:** Almer Casile
**Subject:** RE: Subpart WWWW

These procedures will be the same for both facilities; they are:
Open molding, polymer casting, mixing, cleaning of equipment used in reinforced plastic composites manufacture, HAP- containing materials storage, and repair operations on parts you also manufacture.

-----Original Message-----
**From:** Almer.Casile@deq.idaho.gov [mailto:Almer.Casile@deq.idaho.gov]
**Sent:** Wednesday, October 26, 2005 11:05 AM
**To:** Yehle, Ray
**Subject:** RE: Subpart WWWW

Which parts of (b) do you do? That is which of the following occur, or will occur at the Kuna plant? Also, provide another list for things that occur at the Boise plant.

Open molding, closed molding, centrifugal casting, continuous lamination, continuous casting, polymer casting, pultrusion, sheet molding compound (SMC) manufacturing, bulk molding compound (BMC) manufacturing, mixing, cleaning of equipment used in reinforced plastic composites manufacture, HAP-containing materials storage, and repair operations on parts you also manufacture

Please call me if you have any questions.

Almer Casile
Permit Writer
Dept. of Environment Quality
1410 N. Hilton St.
Boise, ID 83706-1255
P: (208) 373-0216
F: (208) 373-0340

---

**From:** Yehle, Ray [mailto:safety@best-bath.com]
**Sent:** Wednesday, October 26, 2005 11:00 AM
**To:** Almer Casile
**Subject:** RE: Subpart WWWW

For the 1st question subpart (B) would apply to our facility. The 2nd question (c. i) would apply to our facility.

Thanks
Ray

-----Original Message-----
**From:** Almer.Casile@deq.idaho.gov [mailto:Almer.Casile@deq.idaho.gov]
**Sent:** Monday, October 24, 2005 3:06 PM
**To:** Yehle, Ray
**Subject:** Subpart WWWW

**Ray,**
Would you please answer the following questions?
**Question #1)**
**§ 63.5790 What parts of you plant does this subpart cover? (Please list each operation at your plant that Subpart WWWW applies to.)**
(a) This subpart applies to each new or existing affected source at reinforced plastic composites production facilities.

(b) The affected source consists of all parts of your facility engaged in the following operations: Open molding, closed molding, centrifugal casting, continuous lamination, continuous casting, polymer casting, pultrusion, sheet molding compound (SMC) manufacturing, bulk molding compound (BMC) manufacturing, mixing, cleaning of equipment used in reinforced plastic composites manufacture, HAP-containing materials storage, and repair operations on parts you also manufacture.

(c) The following operations are specifically excluded from any requirements in this subpart: application of mold sealing and release agents; mold stripping and cleaning; repair of parts that you did not manufacture, including non-routine manufacturing of parts; personal activities that are not part of the manufacturing operations (such as hobby shops on military bases); prepreg materials as defined in §63.5935; non-gel coat surface coatings; application of putties, polyputties, and adhesives; repair or production materials that do not contain resin or gel coat; research and development operations as defined in section 112(c)(7) of the CAA; polymer casting; and closed molding operations (except for compression/injection molding). Note that the exclusion of certain operations from any requirements applies only to operations specifically listed in this paragraph. The requirements for any co-located operations still apply.

(d) Production resins that must meet military specifications are allowed to meet the organic HAP limit contained in that specification. In order for this exemption to be used, you must supply to the permitting authority the specifications certified as accurate by the military procurement officer, and those specifications must state a requirement for a specific resin, or a specific resin HAP content. Production resins for which this exemption is used must be applied with nonatomizing resin application equipment unless you can demonstrate this is infeasible. You must keep a record of the resins for which you are using this exemption.

Question #2

In accordance with Table 1 of 40 CFR 63, Subpart WWWW (located at the following website:

http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr;sid=97def15c225a31aa32c75219e8fb5ecd;rgn=div2;view=text;node=20050825%3A1.47;idno=40;cc=ecfr;start=1;size=25)

which organic HAP emission factors apply to you?

I'll have more questions after you answer these two. Thanks for you assistance in this matter.

Almer Casile
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Dept. of Environment Quality
1410 N. Hilton St.
Boise, ID 83706-1255
P: (208) 373-0216
F: (208) 373-0340

**Almer Casile**

**From:** Yehle, Ray [safety@best-bath.com]
**Sent:** Wednesday, November 30, 2005 3:39 PM
**To:** Almer Casile
**Subject:** RE: More questions

Al, I have all my answers in red. If you have any questions give me a call or email.

Ray

-----Original Message-----
**From:** Almer.Casile@deq.idaho.gov [mailto:Almer.Casile@deq.idaho.gov]
**Sent:** Tuesday, November 22, 2005 3:55 PM
**To:** Yehle, Ray
**Cc:** Almer.Casile@deq.idaho.gov
**Subject:** More questions

Ray, please answer the following questions for me:

**1. Does the facility manufacture large open molded parts?** no

A large open molding part is defined as a part that, when the final finished part is enclosed in the smallest rectangular six-sided box into which the part can fit, the total interior volume of the box exceeds 250 cubic feet, or any interior sides of the box exceed 50 square feet.

**2. Which operation type listed below applies to the facility?** 2-6 apply; 1,7-10 doesn't.

2. (c) applies
3. (b) applies
4. (c) applies
5. (c) applies
6. (a,b,c) applies

Table 3 to Subpart WWWW of Part 63._Organic HAP Emissions Limits for Specific Open Molding, Centrifugal Casting, Pultrusion and Continuous Lamination/Casting Operations

| If your operation type is . . . | And you use . . . | \1\ Your organic HAP emissions limit is . . . |
|---|---|---|
| 1. open molding_corrosion-resistant and/or high strength (CR/HS). | a. mechanical resin application. | 113 lb/ton. |
| | b. filament application. | 171 lb/ton. |
| | c. manual resin application. | 123 lb/ton. |
| 2. open molding_non-CR/HS..... | a. mechanical resin application. | 88 lb/ton. |
| | b. filament application. | 188 lb/ton. |
| | c. manual resin application. | 87 lb/ton. |
| 3. open molding_tooling..... | a. mechanical | 254 lb/ton. |

| | | |
|---|---|---|
| | resin application. | 157 lb/ton. |
| | b. manual resin application. | |
| 4. open molding_low-flame spread/ low-smoke products. | a. mechanical resin application. | 497 lb/ton. 270 lb/ton. |
| | b. filament application. | 238 lb/ton. |
| | c. manual resin application. | |
| 5. open molding_shrinkage controlled resins \2\. | a. mechanical resin application. | 354 lb/ton. 215 lb/ton. |
| | b. filament application. | 180 lb/ton. |
| | c. manual resin application. | |
| 6. open molding_gel coat \3\.... | a. tooling gel coating. | 440 lb/ton. 267 lb/ton. |
| | b. white/off white pigmented gel coating. | 377 lb/ton. 605 lb/ton. 854 lb/ton. |
| | c. all other pigmented gel coating. | 522 lb/ton. |
| | d. CR/HS or high performance gel coat. | |
| | e. fire retardant gel coat. | |
| | f. clear production gel coat. | |
| 7. centrifugal casting_CR/HS.... | a. resin application with the mold closed, and the mold is vented during spinning and cure. | 25 lb/ton.\4\ NA_this is considered to be a closed molding operation. 25 lb/ton.\4\ |
| | b. resin application with the mold closed, and the mold is not vented during spinning and cure. | Use the appropriate open molding emission limit.\5\ |
| | c. resin application with the mold open, and the mold is vented during spinning and cure. | |
| | d. resin application with the mold open, and the mold is not vented during spinning and cure. | |
| 8. centrifugal casting_non-CR/HS | a. resin application with the mold closed, and the mold is vented during | 20 lb/ton.\4\ NA_this is considered to be a closed molding operation. |

| | | |
|---|---|---|
| | spinning and cure. | 20 lb/ton.\4\ |
| | b. resin application with the mold closed, and mold is not vented during the spinning and cure. | Use the appropriate open molding emission limit.\5\ |
| | c. resin application with the mold open, and the mold is vented during spinning and cure. | |
| | d. resin application with the mold open, and the mold is not vented during spinning and cure. | |
| 9. pultrusion \6\ | N/A | reduce total organic HAP emissions by at least 60 weight percent. |
| 10. continuous lamination/ casting. | N/A | reduce total organic HAP emissions by at least 58.5 weight percent or not exceed an organic HAP emissions limit of 15.7 lbs of organic HAP per ton of neat resin plus and neat gel coat plus. |

\1\ Organic HAP emissions limits for open molding and centrifugal casting are expressed as lb/ton. You must be at or below these values based on a 12-month rolling average.

\2\ This emission limit applies regardless of whether the shrinkage controlled resin is used as a production resin or a tooling resin.

\3\ If you only apply gel coat with manual application, for compliance purposes treat the gel coat as if it were applied using atomized spray guns to determine both emission limits and emission factors. If you use multiple application methods and any portion of a specific gel coat is applied using nonatomized spray, you may use the nonatomized spray gel coat equation to calculate an emission factor for the manually applied portion of that gel coat. Otherwise, use the atomized spray gel coat application equation to calculate emission factors.

\4\ For compliance purposes, calculate your emission factor using only the appropriate centrifugal casting equation in item 2 of Table 1 to this subpart, or a site specific emission factor for after the mold is closed as discussed in § 63.5796.

\5\ Calculate your emission factor using the appropriate open molding covered cure emission factor in item 1 of Table 1 to this subpart, or a site specific emission factor as discussed in § 63.5796.

\6\ Pultrusion machines that produce parts that meet the following criteria: 1,000 or more reinforcements or the glass equivalent of 1,000 ends of 113 yield roving or more; and have a cross sectional area of 60 square inches or more are not subject to this requirement. Their requirement is the work practice of air flow management which is

described in Table 4 to this subpart.

**3. Is the repair work done at the facility involve/include the non-routine manufacture of individual components or parts intended to repair a larger item as defined above?** None of the above apply

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F: (208) 373-0340

**Almer Casile**

**From:** Yehle, Ray [safety@best-bath.com]
**Sent:** Monday, January 16, 2006 9:57 AM
**To:** Almer Casile
**Subject:** RE: More Questions

We will be in compliance with (d).
The Resins on Table 7 we will fall under will be:
4. part A
7.
Any questions let me know.

Ray

-----Original Message-----
**From:** Almer.Casile@deq.idaho.gov [mailto:Almer.Casile@deq.idaho.gov]
**Sent:** Wednesday, December 14, 2005 2:52 PM
**To:** Yehle, Ray
**Subject:** More Questions

Ray,

Does Best Bath plan on using the following:

(d) *Meet the organic HAP emissions limit for one application method and use the same resin(s) for all application methods of that resin type.* This option is limited to resins of the same type. The resin types for which this option may be used are noncorrosion-resistant, corrosion-resistant and/or high strength, and tooling.

(1) For any combination of manual resin application, mechanical resin application, filament application, or centrifugal casting, you may elect to meet the organic HAP emissions limit for any one of these application methods and use the same resin in all of the resin application methods listed in this paragraph (d)(1). Table 7 to this subpart presents the possible combinations based on a facility selecting the application process that results in the highest allowable organic HAP content resin. If the resin organic HAP content is below the applicable value shown in Table 7 to this subpart, the resin is in compliance.

(2) You may also use a weighted average organic HAP content for each application method described in paragraph (d)(1) of this section. Calculate the weighted average organic HAP content monthly. Use Equation 2 in paragraph (b)(1) of this section except substitute organic HAP content for organic HAP emissions factor. You are in compliance if the weighted average organic HAP content based on the last 12 months of resin use is less than or equal to the applicable organic HAP contents in Table 7 to this subpart.

(3) You may simultaneously use the averaging provisions in paragraph (b) or (c) of this section to demonstrate compliance for any operations and/or resins you do not include in your compliance demonstrations in paragraphs (d)(1) and (2) of this section. However, any resins for which you claim compliance under the option in paragraphs (d)(1) and (2) of this section may not be included in any of the averaging calculations described in paragraph (b) or (c) of this section.

(4) You do not have to keep records of resin use for any of the individual resins where you demonstrate compliance under the option in paragraph (d)(1) of this section unless you elect to include that resin in the averaging calculations described in paragraph (d)(2) of this section.

Table 7

As specified in §63.5810(d), when electing to use the same resin(s) for multiple resin application methods, you may use any resin(s) with an organic HAP content less than or equal to the values shown in the following table, or any combination of resins whose weighted average organic HAP content based on a 12-month rolling average is less than

or equal to the values shown the following table:

Table 7_to Subpart WWWW of Part 63._Options Allowing Use of the Same Resin Across Different Operations That Use the Same Resin Type

| If your facility has the following resin type and application method . . . | The highest resin weight is* * * percent organic HAP content, or weighted average weight percent organic HAP content, you can use for . . . | | is . . . |
|---|---|---|---|
| 1. CR/HS resins, centrifugal casting 1 2. | a. CR/HS mechanical. | \3\ | 48.0 |
| | b. CR/HS filament application. | | 48.0 |
| | c. CR/HS manual..... | | 48.0 |
| 2. CR/HS resins, nonatomized mechanical. | a. CR/HS filament application. | | 46.4 |
| | b. CR/HS manual..... | | 46.4 |
| 3. CR/HS resins, filament application. | CR/HS manual..... | | 42.0 |
| 4. non-CR/HS resins, filament application. | a. non-CR/HS mechanical. | \3\ | 45.0 |
| | b. non-CR/HS manual. | | 45.0 |
| | c. non-CR/HS centrifugal casting 1 2. | | 45.0 |
| 5. non-CR/HS resins, nonatomized mechanical. | a. non-CR/HS manual. | | 38.5 |
| | b. non-CR/HS centrifugal casting 1 2. | | 38.5 |
| 6. non-CR/HS resins, centrifugal casting 1 2. | non-CR/HS manual.... | | 37.5 |
| 7. tooling resins, nonatomized mechanical. | tooling manual..... | | 91.4 |
| 8. tooling resins, manual..... | tooling atomized mechanical. | | 45.9 |

\1\ If the centrifugal casting operation blows heated air through the molds, then 95 percent capture and control must be used if the facility wishes to use this compliance option.
\2\ If the centrifugal casting molds are not vented, the facility may treat the centrifugal casting operations as if they were vented if they wish to use this compliance option.
\3\ Nonatomized mechanical application must be used.

Thanks for your assistance.

Almer Casile
Permit Writer
Dept. of Environment Quality
1410 N. Hilton St.
Boise, ID 83706-1255
P: (208) 373-0216
F: (208) 373-0340

STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706-1255 • (208) 373-0502

Dirk Kempthorne, Governor
Toni Hardesty, Director

March 16, 2005

**Certified Mail No. 7000 1670 0013 8128 9502**

Ray Yehle
Director of Regulatory Affairs
4545 Enterprise
Boise, ID 83705

RE: T1-040049, Fiberglass Systems,
Information Request for Tier I Operating Permit Application

Dear Mr. Yehle:

On December 22, 2004, The Department of Environmental Quality (DEQ) received Fiberglass Systems' Tier I operating permit application. It has been determined that additional information is needed to continue processing your application. In accordance with IDAPA 58.01.01.315.02, the following information needs to be submitted within 35 days after receiving this letter or by April 13, 2005, whichever is earlier. The reviewing and permitting process is ceased until the following information is received:

1. Compliance Certification

   Provide a compliance certification regarding the compliance status of each emissions unit that:

   - Identifies all applicable requirements affecting each emissions unit.
   - Certifies the compliance status of each emissions unit with each of the applicable requirements.
   - Provides a detailed description of the method(s) used for determining the compliance status of each emissions unit with each applicable requirement, including a description of any monitoring, recordkeeping, reporting and test methods that were used. Also provide a detailed description of the method(s) required for determining compliance.
   - Certifies the compliance status of the emissions unit with any applicable enhanced monitoring requirements.
   - Certifies the compliance status of the emissions unit with any applicable enhanced compliance certification requirements.

Almer Casile, Permit Writer
Bill Rogers, Permit Coordinator
Source File
Reading File

Best Bath
SYSTEMS
A DIVISION OF FIBERGLASS SYSTEMS, INC.
www.best-bath.com

December 3, 2004

Mr. Dan Segaldo
IDEQ
1410 N. Hilton
Boise ID. 83706-1290

Enclosed is our permit to operate renewal. We hope that you will find that our application is complete to the best of our knowledge.

If you have any questions or request pertaining to the application, please feel free to call me at 342-6823 ext. 237.

Thank you,

Ray Yehle
Director of Regulatory Affairs

CFA Composites Fabricators Association
4545 ENTERPRISE BOISE, IDAHO 83705
TEL:208-342-6823 FAX:208-342-6832 /TEL:800-727-9907 FAX:800-627-0929

# AIR QUALITY OPERATING PERMIT APPLICATION FORMS

***Prepared for:***
Air Quality Permitted Facilities

***By:***
Idaho Division of Environmental Quality
Air Quality Permitting Bureau
Operating Permits Section

## SECTION 1: GENERAL INFORMATION

| | |
|---|---|
| COMPANY & DIVISION NAME | FIBERGLASS SYSTEMS |
| STREET ADDRESS OR P.O. BOX | 4545 ENTERPRISE |
| CITY | BOISE |
| STATE | ID |
| ZIP | 83705 |
| PERSON TO CONTACT | RAY VEHLE |
| TITLE | DIRECTOR OF REGULATORY AFFAIRS |
| PHONE NUMBER | 208-342-6823 |
| EXACT PLANT LOCATION | LATITUDE 43°, 31', 41" LONGITUDE 116°, 11', 56" |
| GENERAL NATURE OF BUSINESS | MANUFACTURE FIBERGLASS TUBS & SHOWERS |
| NUMBER OF FULL-TIME EMPLOYEES | 120 |
| PROPERTY AREA (ACRES) | 4.54 |
| REASON FOR APPLICATION | 2 |

(1) Change of Owner or Location
(2) Tier I Permit to Operate
(3) Tier II Permit to Operate

| | |
|---|---|
| DISTANCE TO NEAREST STATE BORDER (MILES) | 70 miles approx. |
| PRIMARY SIC | |
| SECONDARY SIC | |
| PLANT LOCATION COUNTY | ADA |
| ELEVATION (FT) | |
| UTM ZONE | |
| UTM (X) COORDINATE (KM) | |
| UTM (Y) COORDINATE (KM) | |

List all facilities with the State that are under your control or under common control and have emissions to the air. If none, so state.

| NAME OF FACILITIES | LOCATION OF OTHER FACILITIES |
|---|---|
| FIBERGLASS SYSTEMS | 4545 ENTERPRISE BOISE ID 83705 |
| | |
| | |
| | |
| | |

| | |
|---|---|
| OWNER OR RESPONSIBLE OFFICIAL | RAY L. VEHLE |
| TITLE OF RESPONSIBLE OFFICIAL | DIRECTOR OF REGULATORY AFFAIRS |

Based on information and belief formed after reasonable inquiry
I certify the statements and information in this document are accurate and complete.

SIGNATURE OF OWNER OR RESPONSIBLE OFFICIAL

DATE 12/3/04

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 2: FUEL BURNING EQUIPMENT (complete a separate page for each unit)

1. REFERENCE NUMBER (for applicant's use)
2 - 3 MBTU GAS FURNACES

EMISSIONS EXEMPT <50m BTU

| 2. EQUIPMENT MANUFACTURER AND MODEL NUMBER | 3. RATED HEAT INPUT CAPACITY | 4. BURNER UNIT TYPE (use code) | 5. HEAT USAGE % process | % space heating |
|---|---|---|---|---|
| | | | | |

6. FUEL DATA

| | Primary | Secondary |
|---|---|---|
| fuel type (use code) | | |
| percent sulfur | | |
| percent ash | | |
| percent nitrogen | | |
| percent carbon | | |
| percent hydrogen | | |
| percent moisture | | |
| heat content (in units of Btu/wt or volume) | | |

7. FUEL CONSUMPTION

| | Primary | Secondary |
|---|---|---|
| Maximum amount burned/hour | | |
| Normal amount burned/year | | |

Fly ash reinjection? ___ yes ___ no ___ n.a.

8. FUEL CONSUMPTION PER QUARTER AS PERCENTAGE OF ANNUAL

January - March _____
April - June _____
July - September _____
October - December _____

9. OPERATING SCHEDULE

Hours per day _____
Days per week _____
Weeks per year _____

10. POLLUTION CONTROL EQUIPMENT

| | Primary | Secondary |
|---|---|---|
| type | | |
| manufacturer | | |
| cost | | |
| model number | | |
| % efficiency | | |

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

11. *STACK DATA

height _____ ft
exit diameter _____ ft
exit velocity _____ fpm
exit gas volume _____ acfm
exit gas temperature _____ F

12. ESTIMATED EMISSIONS
(at maximum design capacity)

| | | |
|---|---|---|
| Particulates | lb/hr | tons/yr |
| Sulfur dioxide | lb/hr | tons/yr |
| Carbon monoxide | lb/hr | tons/yr |
| Nitrogen oxides | lb/hr | tons/yr |
| Volatile organic compounds | lb/hr | tons/yr |

FUEL CODES
1. Natural gas
2. Oil (specify ASTM grade number)
3. Wood (specify chips, bark, shavings sander dust)
4. Coal (specify bituminous, antracite, lignite)
5. Other (specify)

BURNER CODES
1. Spreader stoker
2. Chain or traveling grate
3. Hand fired
4. Cyclone furnace
5. Wet bottom (pulverized coal)
6. Dry bottom (pulverized coal)
7. Underfeed stoker
8. Tangentially fired
9. Horizintally fired
10. Other (specify)

*Indicate on a separate page if this is a common stack with another operation or process. Also so indicate if more than one stack is used with this fuel burning unit and supply stack parameters as listed in number 11.

STATE OF IDAHO
'PPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS (complete a separate page for each distinct process or manufacturing operation)

| 1. UNIQUE REFERENCE NUMBER (to be assigned by applicant) | 2. PROCESS OR OPERATION NAME |
|---|---|
| A – GEL COAT BOOTH | AREA SOURCE |

| 3. MAXIMUM RATED INPUT CAPACITY (tons/hour)* | 4. NORMAL FEED INPUT tons/hour | tons/year | 5. NORMAL PRODUCT OUTPUT tons/hour | tons/year |
|---|---|---|---|---|
| .007 | .012 | 51.4 | .009 | 39.6 |

**6. THROUGHPUT PER QUARTER AS PERCENT OF ANNUAL**

| | |
|---|---|
| January – March | 25 |
| April – June | 25 |
| July – September | 25 |
| October – December | 25 |

**7. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**STACK OR EXHAUST DATA**

| | | |
|---|---|---|
| Height | 27 | ft |
| Exit diameter | 2.83 | ft |
| Exit velocity | 109 | fpm |
| Exit gas volume | 13800 | acfm |
| Exit gas temperature | 77 | F |

(Include a separate page for each stack if multiple stacks or vents are used)

**10. POLLUTION CONTROL EQUIPMENT**

| | Primary | Secondary |
|---|---|---|
| Type | FILTER | PAD |
| Manufacturer | BINKS | PUROLATER |
| Cost | | |
| Model Number | | |
| % Efficiency | .84 | .72 |

MANUFACTURER GUARANTEED ____ yes ____ no

For wet scrubbers: NA
water flow _____ gpm
pressure drop _____ inches of water

For baghouses: NA
air/cloth ratio _____

**11. ESTIMATED EMISSIONS**

| | | | | |
|---|---|---|---|---|
| particulates | .106 | lb/hr | .36 | tons/yr |
| sulfur dioxide | NA | lb/hr | | tons/yr |
| carbon monoxide | NA | lb/hr | | tons/yr |
| nitrogen oxides | NA | lb/hr | | tons/yr |
| volatile organic compounds | AREA SOURCE | lb/hr | | tons/yr |

**9. STORAGE PILE(S) DATA** (If more than one storage pile is on site, please attach a separate sheet detailing each storage pile) NA

| | | | |
|---|---|---|---|
| Volume | _____ | cubic yards | |
| Height | _____ | ft | |
| Width | _____ | ft | |
| length | _____ | ft | |
| Type of material | _____ | | |
| Mesh or minus size | _____ | | |

Daily throughput _____ tons per day

How is material handled (i.e. front end loader, covered conveyor belts, etc.)?

_____
_____
_____

*If units other than tons, please specify.

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS (complete a separate page for each distinct process or manufacturing operation)

| 1. UNIQUE REFERENCE NUMBER (to be assigned by applicant) | 2. PROCESS OR OPERATION NAME |
|---|---|
| B - GEL COAT BOOTH | AREA SOURCE |

| 3. MAXIMUM RATED INPUT CAPACITY (tons/hour)* | 4. NORMAL FEED INPUT tons/hour | tons/year | 5. NORMAL PRODUCT OUTPUT tons/hour | tons/year |
|---|---|---|---|---|
| .007 | .0010 | 22.0 | .0008 | 16.9 |

**6. THROUGHPUT PER QUARTER AS PERCENT OF ANNUAL**

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

**7. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**STACK OR EXHAUST DATA**

| | | |
|---|---|---|
| Height | 27 | ft |
| Exit diameter | 3.50 | ft |
| Exit velocity | 127 | fpm |
| Exit gas volume | 24400 | acfm |
| Exit gas temperature | 77 | F |

(Include a separate page for each stack if multiple stacks or vents are used)

**10. POLLUTION CONTROL EQUIPMENT**

| | Primary | Secondary |
|---|---|---|
| Type | FILTER | PAD |
| Manufacturer | PROTECTAIRE | PUROLATER |
| Cost | | |
| Model Number | | |
| % Efficiency | .84 | .72 |

MANUFACTURER GUARANTEED ____ yes ____ no

For wet scrubbers: NA
water flow _____ gpm
pressure drop _____ inches of water

For baghouses: NA
air/cloth ratio _____

**11. ESTIMATED EMISSIONS**

| | | | | |
|---|---|---|---|---|
| particulates | .187 | lb/hr | .64 | tons/yr |
| sulfur dioxide | NA | lb/hr | | tons/yr |
| carbon monoxide | NA | lb/hr | | tons/yr |
| nitrogen oxides | NA | lb/hr | | tons/yr |
| volatile organic compounds | SOURCE AREA | lb/hr | | tons/yr |

**9. STORAGE PILE(S) DATA** (If more than one storage pile is on site, please attach a separate sheet detailing each storage pile) NA

| | |
|---|---|
| Volume | _____ cubic yards |
| Height | _____ ft |
| Width | _____ ft |
| length | _____ ft |
| Type of material | _____ |
| Mesh or minus size | _____ |

Daily throughput _____ tons per day

How is material handled (i.e. front end loader, covered conveyor belts, etc.)?

_____
_____
_____

*If units other than tons, please specify.

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS (complete a separate page for each distinct process or manufacturing operation)

| 1. UNIQUE REFERENCE NUMBER (to be assigned by applicant) | 2. PROCESS OR OPERATION NAME |
|---|---|
| C - HEAT TUNNEL | AREA SOURCE |

| 3. MAXIMUM RATED INPUT CAPACITY (tons/hour)* | 4. NORMAL FEED INPUT tons/hour tons/year | 5. NORMAL PRODUCT OUTPUT tons/hour tons/year |
|---|---|---|
| 51,000 UNITS | 9 UNITS /hr | 51,000 UNITS |

**6. THROUGHPUT PER QUARTER AS PERCENT OF ANNUAL**

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

**7. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**STACK OR EXHAUST DATA**

| | | |
|---|---|---|
| Height | 28 | ft |
| Exit diameter | 1.0 | ft |
| Exit velocity | 417 | fpm |
| Exit gas volume | 600 | acfm |
| Exit gas temperature | 92 | F |

(Include a separate page for each stack if multiple stacks or vents are used)

**10. POLLUTION CONTROL EQUIPMENT**

| | Primary | Secondary |
|---|---|---|
| Type | NA | |
| Manufacturer | | |
| Cost | | |
| Model Number | | |
| % Efficiency | | |

MANUFACTURER GUARANTEED ____ yes ____ no

For wet scrubbers: NA
water flow _____ gpm
pressure drop _____ inches of water

For baghouses: NA
air/cloth ratio _____

**11. ESTIMATED EMISSIONS**

| | | | | |
|---|---|---|---|---|
| particulates | 0 | lb/hr | 0 | tons/yr |
| sulfur dioxide | NA | lb/hr | | tons/yr |
| carbon monoxide | NA | lb/hr | | tons/yr |
| nitrogen oxides | NA | lb/hr | | tons/yr |
| volatile organic compounds | SOURCE AREA | lb/hr | | tons/yr |

**9. STORAGE PILE(S) DATA** (If more than one storage pile is on site, please attach a separate sheet detailing each storage pile) NA

| | |
|---|---|
| Volume | _____ cubic yards |
| Height | _____ ft |
| Width | _____ ft |
| length | _____ ft |
| Type of material | _____ |
| Mesh or minus size | _____ |

Daily throughput _____ tons per day

How is material handled (i.e. front end loader, covered conveyor belts, etc.)?

_____
_____
_____

*If units other than tons, please specify.

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS (complete a separate page for each distinct process or manufacturing operation)

| 1. UNIQUE REFERENCE NUMBER (to be assigned by applicant) | 2. PROCESS OR OPERATION NAME |
|---|---|
| D - CUSTOM FAB MOLD BLDG | AREA SOURCE |

| 3. MAXIMUM RATED INPUT CAPACITY (tons/hour)* | 4. NORMAL FEED INPUT tons/hour | tons/year | 5. NORMAL PRODUCT OUTPUT tons/hour | tons/year |
|---|---|---|---|---|
| .007 | .0100 | 22.0 | .008 | 16.9 |

**6. THROUGHPUT PER QUARTER AS PERCENT OF ANNUAL**

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

**7. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 16 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**STACK OR EXHAUST DATA**

| | | |
|---|---|---|
| Height | 29 | ft |
| Exit diameter | 2.83 | ft |
| Exit velocity | 104 | fpm |
| Exit gas volume | 20,000 | acfm |
| Exit gas temperature | 77 | F |

(Include a separate page for each stack if multiple stacks or vents are used)

**10. POLLUTION CONTROL EQUIPMENT**

| | Primary | Secondary |
|---|---|---|
| Type | FILTER | PAD |
| Manufacturer | BINKS | PUROLATOR |
| Cost | | |
| Model Number | | |
| % Efficiency | .84 | .72 |

MANUFACTURER GUARANTEED ____ yes ____ no

For wet scrubbers: NA
water flow _____ gpm
pressure drop _____ inches of water

For baghouses: NA
air/cloth ratio _____

**11. ESTIMATED EMISSIONS**

| | | | | |
|---|---|---|---|---|
| particulates | .153 | lb/hr | .35 | tons/yr |
| sulfur dioxide | NA | lb/hr | | tons/yr |
| carbon monoxide | NA | lb/hr | | tons/yr |
| nitrogen oxides | NA | lb/hr | | tons/yr |
| volatile organic compounds | SOURCE AREA | lb/hr | | tons/yr |

**9. STORAGE PILE(S) DATA** (If more than one storage pile is on site, please attach a separate sheet detailing each storage pile) NA

| | | | |
|---|---|---|---|
| Volume | _____ | cubic yards | |
| Height | _____ | ft | |
| Width | _____ | ft | |
| length | _____ | ft | |
| Type of material | _____ | | |
| Mesh or minus size | _____ | | |

Daily throughput _____ tons per day

How is material handled (i.e. front end loader, covered conveyor belts, etc.)?

_____
_____
_____

*If units other than tons, please specify.

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS (complete a separate page for each distinct process or manufacturing operation)

| 1. UNIQUE REFERENCE NUMBER (to be assigned by applicant) | 2. PROCESS OR OPERATION NAME |
|---|---|
| E - MAT AND PATCH BOOTH | AREA SOURCE |

| 3. MAXIMUM RATED INPUT CAPACITY (tons/hour)* | 4. NORMAL FEED INPUT tons/hour | tons/year | 5. NORMAL PRODUCT OUTPUT tons/hour | tons/year |
|---|---|---|---|---|
| .096 | .03 | 137.0 | .029 | 119.9 |

**6. THROUGHPUT PER QUARTER AS PERCENT OF ANNUAL**

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

**7. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**STACK OR EXHAUST DATA**

| | | |
|---|---|---|
| Height | 29 | ft |
| Exit diameter | 2.83 | ft |
| Exit velocity | 109 | fpm |
| Exit gas volume | 13,800 | acfm |
| Exit gas temperature | 77 | F |

(Include a separate page for each stack if multiple stacks or vents are used)

**10. POLLUTION CONTROL EQUIPMENT**

| | Primary | Secondary |
|---|---|---|
| Type | FILTER | PAD |
| Manufacturer | BINKS | PUROLATOR |
| Cost | | |
| Model Number | | |
| % Efficiency | .84 | .72 |

MANUFACTURER GUARANTEED ____ yes ____ no

For wet scrubbers: NA
water flow _____ gpm
pressure drop _____ inches of water

For baghouses: NA
air/cloth ratio _____

**11. ESTIMATED EMISSIONS**

| | | | | |
|---|---|---|---|---|
| particulates | .106 | lb/hr | .36 | tons/yr |
| sulfur dioxide | NA | lb/hr | | tons/yr |
| carbon monoxide | NA | lb/hr | | tons/yr |
| nitrogen oxides | NA | lb/hr | | tons/yr |
| volatile organic compounds | SOURCE AREA | lb/hr | | tons/yr |

**9. STORAGE PILE(S) DATA** (If more than one storage pile is on site, please attach a separate sheet detailing each storage pile) NA

| | | | |
|---|---|---|---|
| Volume | ____ | cubic yards | |
| Height | ____ | ft | |
| Width | ____ | ft | |
| length | ____ | ft | |
| Type of material | _____ | | |
| Mesh or minus size | _____ | | |

Daily throughput _____ tons per day

How is material handled (i.e. front end loader, covered conveyor belts, etc.)?

_____
_____
_____

*If units other than tons, please specify.

STATE OF IDAHO

APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS (complete a separate page for each distinct process or manufacturing operation)

| 1. UNIQUE REFERENCE NUMBER (to be assigned by applicant) | 2. PROCESS OR OPERATION NAME |
|---|---|
| F - SKIN / CERAMETEC BOOTH | AREA SOURCE |

| 3. MAXIMUM RATED INPUT CAPACITY (tons/hour)* | 4. NORMAL FEED INPUT tons/hour | tons/year | 5. NORMAL PRODUCT OUTPUT tons/hour | tons/year |
|---|---|---|---|---|
| 3.8 | .0005 | 58.8 | .0005 | 51.2 |

**6. THROUGHPUT PER QUARTER AS PERCENT OF ANNUAL**

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

**7. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**STACK OR EXHAUST DATA**

| | | |
|---|---|---|
| Height | 29 | ft |
| Exit diameter | 3.5 | ft |
| Exit velocity | 127 | fpm |
| Exit gas volume | 24,400 | acfm |
| Exit gas temperature | 77 | F |

(Include a separate page for each stack if multiple stacks or vents are used)

**10. POLLUTION CONTROL EQUIPMENT**

| | Primary | Secondary |
|---|---|---|
| Type | FILTER | POWER ROLLER |
| Manufacturer | PROTECTAIRE | PURLATOR |
| Cost | | |
| Model Number | | |
| % Efficiency | .84 | .72 |

MANUFACTURER GUARANTEED ___ yes ___ no

For wet scrubbers: NA
water flow _____ gpm
pressure drop _____ inches of water

For baghouses: NA
air/cloth ratio _____

**11. ESTIMATED EMISSIONS**

| | | | | |
|---|---|---|---|---|
| particulates | .187 | lb/hr | .64 | tons/yr |
| sulfur dioxide | NA | lb/hr | | tons/yr |
| carbon monoxide | NA | lb/hr | | tons/yr |
| nitrogen oxides | NA | lb/hr | | tons/yr |
| volatile organic compounds | SOURCE AREA | lb/hr | | tons/yr |

**9. STORAGE PILE(S) DATA** (If more than one storage pile is on site, please attach a separate sheet detailing each storage pile) NA

| | | | |
|---|---|---|---|
| Volume | _____ | cubic yards | |
| Height | _____ | ft | |
| Width | _____ | ft | |
| length | _____ | ft | |
| Type of material | _____ | | |
| *Mesh or minus size* | _____ | | |

Daily throughput _____ tons per day

How is material handled (i.e. front end loader, covered conveyor belts, etc.)?

_____

_____

_____

*If units other than tons, please specify.

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS (complete a separate page for each distinct process or manufacturing operation)

| 1. UNIQUE REFERENCE NUMBER (to be assigned by applicant) | 2. PROCESS OR OPERATION NAME |
|---|---|
| G - CUSTOM FAB SKIN | AREA SOURCE |

| 3. MAXIMUM RATED INPUT CAPACITY (tons/hour)* | 4. NORMAL FEED INPUT tons/hour | tons/year | 5. NORMAL PRODUCT OUTPUT tons/hour | tons/year |
|---|---|---|---|---|
| 0.19 | .0005 | 58.8 | .0005 | 51.2 |

**6. THROUGHPUT PER QUARTER AS PERCENT OF ANNUAL**

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

**7. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 16 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**STACK OR EXHAUST DATA**

| | | |
|---|---|---|
| Height | 29 | ft |
| Exit diameter | 3.5 | ft |
| Exit velocity | 127 | fpm |
| Exit gas volume | 24,400 | acfm |
| Exit gas temperature | 77 | F |

(Include a separate page for each stack if multiple stacks or vents are used)

**10. POLLUTION CONTROL EQUIPMENT**

| | Primary | Secondary |
|---|---|---|
| Type | FILTER | PAD |
| Manufacturer | BINKS | PUROLATOR |
| Cost | | |
| Model Number | | |
| % Efficiency | .84 | .72 |

MANUFACTURER GUARANTEED ____ yes ____ no

For wet scrubbers: NA
water flow _____ gpm
pressure drop _____ inches of water

For baghouses: NA
air/cloth ratio _____

**11. ESTIMATED EMISSIONS**

| | | | | |
|---|---|---|---|---|
| particulates | .187 | lb/hr | .43 | tons/yr |
| sulfur dioxide | NA | lb/hr | | tons/yr |
| carbon monoxide | NA | lb/hr | | tons/yr |
| nitrogen oxides | NA | lb/hr | | tons/yr |
| volatile organic compounds | SOURCE AREA | lb/hr | | tons/yr |

**9. STORAGE PILE(S) DATA** (If more than one storage pile is on site, please attach a separate sheet detailing each storage pile) NA

| | | | |
|---|---|---|---|
| Volume | _____ | cubic yards | |
| Height | _____ | ft | |
| Width | _____ | ft | |
| length | _____ | ft | |
| Type of material | _____ | | |
| Mesh or minus size | _____ | | |

Daily throughput _____ tons per day

How is material handled (i.e. front end loader, covered conveyor belts, etc.)?

*If units other than tons, please specify.

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS (complete a separate page for each distinct process or manufacturing operation)

| 1. UNIQUE REFERENCE NUMBER (to be assigned by applicant) | 2. PROCESS OR OPERATION NAME |
|---|---|
| H - HYDRATE LAM (PRODUCTION) | AREA SOURCE |

| 3. MAXIMUM RATED INPUT CAPACITY (tons/hour)* | 4. NORMAL FEED INPUT tons/hour | tons/year | 5. NORMAL PRODUCT OUTPUT tons/hour | tons/year |
|---|---|---|---|---|
| .1 | .03 | 144.0 | .03 | 125. |

**6. THROUGHPUT PER QUARTER AS PERCENT OF ANNUAL**

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

**7. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**STACK OR EXHAUST DATA**

| | | |
|---|---|---|
| Height | 29 | ft |
| Exit diameter | 2.83 | ft |
| Exit velocity | 109 | fpm |
| Exit gas volume | 13,800 | acfm |
| Exit gas temperature | 77 | F |

(Include a separate page for each stack if multiple stacks or vents are used)

**10. POLLUTION CONTROL EQUIPMENT**

| | Primary | Secondary |
|---|---|---|
| Type | FILTER | PAD |
| Manufacturer | BINKS | PUROLATOR |
| Cost | | |
| Model Number | | |
| % Efficiency | .84 | .72 |

MANUFACTURER GUARANTEED ____ yes ____ no

For wet scrubbers: NA
water flow _____ gpm
pressure drop _____ inches of water

For baghouses: NA
air/cloth ratio _____

**11. ESTIMATED EMISSIONS**

| | | | | |
|---|---|---|---|---|
| particulates | .106 | lb/hr | .36 | tons/yr |
| sulfur dioxide | NA | lb/hr | | tons/yr |
| carbon monoxide | NA | lb/hr | | tons/yr |
| nitrogen oxides | NA | lb/hr | | tons/yr |
| volatile organic compounds | SOURCE AREA | lb/hr | | tons/yr |

**9. STORAGE PILE(S) DATA** (If more than one storage pile is on site, please attach a separate sheet detailing each storage pile)

NA

| | | | |
|---|---|---|---|
| Volume | _____ | cubic yards | |
| Height | _____ | ft | |
| Width | _____ | ft | |
| length | _____ | ft | |
| Type of material | _____ | | |
| Mesh or minus size | _____ | | |

Daily throughput _____ tons per day

How is material handled (i.e. front end loader, covered conveyor belts, etc.)?

_____

_____

_____

*If units other than tons, please specify.

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS (complete a separate page for each distinct process or manufacturing operation)

| 1. UNIQUE REFERENCE NUMBER (to be assigned by applicant) | 2. PROCESS OR OPERATION NAME |
|---|---|
| I - HYDRATE LAM (CUSTOM FAB) | AREA SOURCE |

| 3. MAXIMUM RATED INPUT CAPACITY (tons/hour)* | 4. NORMAL FEED INPUT tons/hour | tons/year | 5. NORMAL PRODUCT OUTPUT tons/hour | tons/year |
|---|---|---|---|---|
| .2 | .06 | 123. | .05 | 107 |

**6. THROUGHPUT PER QUARTER AS PERCENT OF ANNUAL**

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

**7. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 16 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**STACK OR EXHAUST DATA**

| | | |
|---|---|---|
| Height | 29 | ft |
| Exit diameter | 3.5 | ft |
| Exit velocity | 127 | fpm |
| Exit gas volume | 24,400 | acfm |
| Exit gas temperature | 77 | F |

(Include a separate page for each stack if multiple stacks or vents are used)

**10. POLLUTION CONTROL EQUIPMENT**

| | Primary | Secondary |
|---|---|---|
| Type | FILTER | PAD |
| Manufacturer | BINKS | PUROLATOR |
| Cost | | |
| Model Number | | |
| % Efficiency | .84 | .72 |

MANUFACTURER GUARANTEED ____ yes ____ no

For wet scrubbers: NA
water flow _____ gpm
pressure drop _____ inches of water

For baghouses: NA
air/cloth ratio _____

**11. ESTIMATED EMISSIONS**

| | | | | |
|---|---|---|---|---|
| particulates | .187 | lb/hr | .42 | tons/yr |
| sulfur dioxide | NA | lb/hr | | tons/yr |
| carbon monoxide | NA | lb/hr | | tons/yr |
| nitrogen oxides | NA | lb/hr | | tons/yr |
| volatile organic compounds | SOURCE AREA | lb/hr | | tons/yr |

**9. STORAGE PILE(S) DATA** (If more than one storage pile is on site, please attach a separate sheet detailing each storage pile) NA

| | | | |
|---|---|---|---|
| Volume | ____ cubic yards | Daily throughput | _____ tons per day |
| Height | ____ ft | | |
| Width | ____ ft | How is material handled (i.e. front end loader, covered conveyor belts, etc.)? | |
| length | ____ ft | | |
| Type of material | _____ | | |
| Mesh or minus size | _____ | | |

*If units other than tons, please specify.

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS (complete a separate page for each distinct process or manufacturing operation)

| 1. UNIQUE REFERENCE NUMBER (to be assigned by applicant) | 2. PROCESS OR OPERATION NAME |
|---|---|
| J - A.H. AND WATER JET TRIM | AREA SOURCE |

| 3. MAXIMUM RATED INPUT CAPACITY (tons/hour)* | 4. NORMAL FEED INPUT tons/hour tons/year | 5. NORMAL PRODUCT OUTPUT tons/hour tons/year |
|---|---|---|
| 38,000 UNITS | 8.1 UNITS/hr | 33,000 UNITS/hr |

**6. THROUGHPUT PER QUARTER AS PERCENT OF ANNUAL**

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

**7. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**STACK OR EXHAUST DATA**

| | | |
|---|---|---|
| Height | 29 | ft |
| Exit diameter | 3.5 | ft |
| Exit velocity | 104 | fpm |
| Exit gas volume | 2,000 | acfm |
| Exit gas temperature | 77 | F |

(Include a separate page for each stack if multiple stacks or vents are used)

**10. POLLUTION CONTROL EQUIPMENT**

| | Primary | Secondary |
|---|---|---|
| Type | FILTER | PAD |
| Manufacturer | PROTECTAIRE | PUROLATOR |
| Cost | | |
| Model Number | | |
| % Efficiency | .84 | .72 |

MANUFACTURER GUARANTEED ___ yes ___ no

For wet scrubbers: NA
water flow _____ gpm
pressure drop _____ inches of water

For baghouses: NA
air/cloth ratio _____

**11. ESTIMATED EMISSIONS**

| | | | | |
|---|---|---|---|---|
| particulates | .187 | lb/hr | .64 | tons/yr |
| sulfur dioxide | NA | lb/hr | | tons/yr |
| carbon monoxide | NA | lb/hr | | tons/yr |
| nitrogen oxides | NA | lb/hr | | tons/yr |
| volatile organic compounds | SOURCE AREA | lb/hr | | tons/yr |

**9. STORAGE PILE(S) DATA** (If more than one storage pile is on site, please attach a separate sheet detailing each storage pile) NA

| | | | |
|---|---|---|---|
| Volume | ____ | cubic yards | |
| Height | ____ | ft | |
| Width | ____ | ft | |
| length | ____ | ft | |
| Type of material | _____ | | |
| Mesh or minus size | _____ | | |

Daily throughput _____ tons per day

How is material handled (i.e. front end loader, covered conveyor belts, etc.)?

_____

_____

_____

*If units other than tons, please specify.

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 3: PROCESS AND MANUFACTURING OPERATIONS (complete a separate page for each distinct process or manufacturing operation)

| 1. UNIQUE REFERENCE NUMBER (to be assigned by applicant) | 2. PROCESS OR OPERATION NAME |
|---|---|
| K - CUSTOM FAB TRIM | AREA SOURCE |

| 3. MAXIMUM RATED INPUT CAPACITY (tons/hour)* | 4. NORMAL FEED INPUT tons/hour | tons/year | 5. NORMAL PRODUCT OUTPUT tons/hour | tons/year |
|---|---|---|---|---|
| 38,000 UNITS | 8.1 UNITS/hr | | 33,000 UNITS/hr | |

**6. THROUGHPUT PER QUARTER AS PERCENT OF ANNUAL**

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

**7. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 16 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**STACK OR EXHAUST DATA**

| | | |
|---|---|---|
| Height | 27 | ft |
| Exit diameter | 2.83 | ft |
| Exit velocity | 127 | fpm |
| Exit gas volume | 24,400 | acfm |
| Exit gas temperature | 77 | F |

(Include a separate page for each stack if multiple stacks or vents are used)

**10. POLLUTION CONTROL EQUIPMENT**

| | Primary | Secondary |
|---|---|---|
| Type | FILTER | PAD |
| Manufacturer | BINKS | PUROLATOR |
| Cost | | |
| Model Number | | |
| % Efficiency | .84 | .72 |

MANUFACTURER GUARANTEED ____ yes ____ no

For wet scrubbers: NA
water flow _____ gpm
pressure drop _____ inches of water

For baghouses: NA
air/cloth ratio _____

**11. ESTIMATED EMISSIONS**

| | | | | |
|---|---|---|---|---|
| particulates | .187 | lb/hr | .43 | tons/yr |
| sulfur dioxide | NA | lb/hr | | tons/yr |
| carbon monoxide | NA | lb/hr | | tons/yr |
| nitrogen oxides | NA | lb/hr | | tons/yr |
| volatile organic compounds | SOURCE AREA | lb/hr | | tons/yr |

**9. STORAGE PILE(S) DATA** (If more than one storage pile is on site, please attach a separate sheet detailing each storage pile)

NA

| | | | |
|---|---|---|---|
| Volume | ____ cubic yards | Daily throughput | _____ tons per day |
| Height | ____ ft | | |
| Width | ____ ft | How is material handled (i.e. front end loader, covered conveyor belts, etc.)? | |
| length | ____ ft | | |
| Type of material | _____ | | |
| Mesh or minus size | _____ | | |

*If units other than tons, please specify.

STATE OF IDAHO
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SECTION 3: PROCESS AND MANUFACTURING OPERATIONS (complete a separate page for each distinct process or manufacturing operation)

| 1. UNIQUE REFERENCE NUMBER (to be assigned by applicant) | 2. PROCESS OR OPERATION NAME |
|---|---|
| L - EXHAUST FAN - PVC | POINT SOURCE |

| 3. MAXIMUM RATED INPUT CAPACITY (tons/hour)* | 4. NORMAL FEED INPUT tons/hour tons/year | 5. NORMAL PRODUCT OUTPUT tons/hour tons/year |
|---|---|---|
| | | |

**6. THROUGHPUT PER QUARTER AS PERCENT OF ANNUAL**

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

**7. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 16 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**STACK OR EXHAUST DATA**

| | | |
|---|---|---|
| Height | 29 | ft |
| Exit diameter | 1.0 | ft |
| Exit velocity | 12.5 | fpm |
| Exit gas volume | 35,000 | acfm |
| Exit gas temperature | 77 | F |

(Include a separate page for each stack if multiple stacks or vents are used)

**10. POLLUTION CONTROL EQUIPMENT**

| | Primary | Secondary |
|---|---|---|
| Type | NA | |
| Manufacturer | | |
| Cost | | |
| Model Number | | |
| % Efficiency | | |

MANUFACTURER GUARANTEED ____ yes ____ no

For wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

For baghouses:
air/cloth ratio _____

**11. ESTIMATED EMISSIONS**

| | | | | |
|---|---|---|---|---|
| particulates | .269 | lb/hr | .62 | tons/yr |
| sulfur dioxide | NA | lb/hr | NA | tons/yr |
| carbon monoxide | NA | lb/hr | NA | tons/yr |
| nitrogen oxides | NA | lb/hr | NA | tons/yr |
| volatile organic compounds | 3.67 | lb/hr | .35 | tons/yr |

**9. STORAGE PILE(S) DATA** (If more than one storage pile is on site, please attach a separate sheet detailing each storage pile) NA

| | | | |
|---|---|---|---|
| Volume | _____ | cubic yards | |
| Height | _____ | ft | |
| Width | _____ | ft | |
| length | _____ | ft | |
| Type of material | _____ | | |
| Mesh or minus size | _____ | | |

Daily throughput _____ tons per day

How is material handled (i.e. front end loader, covered conveyor belts, etc.)?

_____
_____
_____

*If units other than tons, please specify.

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## SECTION 4: REFUSE DISPOSAL AND INCINERATION (complete a separate page for each unit)

1. UNIQUE REFERENCE NUMBER (to be assigned by applicant)
NA

| 2. TYPE OF WASTES | 3. MAXIMUM AMOUNT DISPOSED PER DAY (pounds/day) | 4. AMOUNT PER YEAR (Tons/year) | 5. METHOD OF DISPOSAL (use codes below) |
|---|---|---|---|
| wood, cardboard, | | | |
| office waste, fully | NA | 7344 cy/yr | 2 & 6 |
| reacted fiberglass | | | |

**6. TYPE OF INCINERATOR** NA

- ____ Single chamber
- ____ Multiple chamber
- ____ Flue feed incinerator
- ____ Pathological incinerator
- ____ Rotary chamber
- ____ Conical burner:
  - ____ yes ____ no overfire
  - ____ yes ____ no underfire
  - ____ yes ____ no damper
  - ____ yes ____ no temperature recorder
- ____ Modified (describe) ____
- ____ Other (describe) ____

**7. INCINERATOR DESCRIPTION** NA

- Manufacturer ____
- Model number ____
- Rated capacity ____ lbs/hour
- Type waste ____ lbs/day
- Quantity burned ____ Tons/yr
- Is incinerator equipped with an afterburner? ____ yes ____

**8. AUXILLIARY FUEL FOR INCINERATOR** NA

- Type of fuel ____
- Amount per year ____
- Heat content ____
- Percent sulfur ____
- Percent ash ____

**9. OPERATING SCHEDULE** NA

- Hours/day ____
- Days/week ____
- Weeks/year ____

**10. POLLUTION CONTROL EQUIPMENT**

| | Primary | Secondary |
|---|---|---|
| type | NA | NA |
| manufacturer | | |
| cost | | |
| model number | | |
| % efficiency | | |

MANUFACTURER GUARANTEED ____ yes ____ no

for wet scrubbers:
water flow ____ gpm
pressure drop ____ inches of water

for baghouse:
air/cloth ratio ____

**11. STACK DATA** NA

- height ____ ft
- exit diameter ____ ft
- exit velocity ____ fpm
- exit gas volume ____ acfm
- exit gas temperature ____ F

**12. ESTIMATED EMISSIONS** (at maximum design capacity)

| | | | | |
|---|---|---|---|---|
| Particulates | NA | lb/hr | ____ | tons/yr |
| Sulfur dioxide | NA | lb/hr | ____ | tons/yr |
| Carbon monoxide | NA | lb/hr | ____ | tons/yr |
| Nitrogen oxides | NA | lb/hr | ____ | tons/yr |
| Volatile organic compounds | NA | lb/hr | ____ | tons/yr |

**METHOD OF DISPOSAL CODES**

1. Open burning
2. Lanfilled (no burning)
3. Burned in boiler or furnace
4. Conical burner (complete rest of form)
5. Incinerated (complete rest of form)
6. Hauled away by contract disposal
99. Other (specify) ____

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SECTION 5: STORAGE, HANDLING AND USE OF LIQUID SOLVENTS AND OTHER VOLATILE COMPOUNDS

STORAGE TANKS

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF STORAGE TANK (use code) | 3. MATERIAL STORED IN TANK | 4. TANK CAPACITY (gallons) | 5. ANNUAL THROUGH-PUT (gal/year) | 6. SOURCE OF TANK CONTENTS (use code) | 7. METHOD OF VAPOR RECOVERY (use code) | 8. ESTIMATED VAPOR RECOVERY EFFICIENCY (percent) | 9. ESTIMATED EMISSIONS (Tons/yr) |
|---|---|---|---|---|---|---|---|---|
| M | 2 | RESIN | 6828 | 164,400 | 5 TOTES | 6 CLOSED | 0 | 0 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

STORAGE TANK TYPE CODES (column 2)
1. Fixed roof
2. Floating roof (or internal cover)
3. Variable vapor space
4. Pressure tank
5. Underground–splash loading

SOURCE OF TANK CONTENTS (column 6)
1. Pipeline
2. Rail car
3. Tank truck
4. Ship, barge
5. Other (specify)

VAPOR RECOVERY SYSTEM CODES (column 7)
1. Incineration
2. Refrigerated liquid scrubber
3. Refigeration condensation
4. Carbon adsorption pack
5. Vapor return system
6. No recovery system

THROUGHPUT PER QUARTER AS PERCENT OF ANNUAL (for use in either section)

January–March _____
April–June _____
July–September _____
October–December _____

VAPOR PHASE DEGREASING OPERATIONS

| 1. TANK CAPACITY (gallons) | 2. TANK SURFACE AREA (sq. ft.) | 3. SPECIFIC NAME AND MANUFACTURER OF DEGREASING AGENT | 4. ESTIMATED AIR EMISSIONS (gal/year) | 5. STACK INFORMATION Diameter (ft) | height (ft) | Air flow (acfm) | 6. TEMPER-ATURE OF TANK (F) | 7. METHOD OF VAPOR RECOVERY (use code) |
|---|---|---|---|---|---|---|---|---|
| NA | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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SECTION 6: LOADING RACKS AND OIL-WATER SEPARATORS

LOADING RACKS

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. NAME OF MATERIAL LOADING FROM RACK AND REID VAPOR PRESSURE (summer) | 3. TYPE OF LOADING (use codes) | 4. GALLONS LOADED PER YEAR | 5. TYPE OF HATCH VAPOR CLOSURE ON LOADING ARMS (use codes) | 6. METHOD OF VAPOR RECOVERY | | 7. VOLATILE ORGANIC LOSSES FROM LOADING OPERATIONS (Tons/yr) |
|---|---|---|---|---|---|---|---|
| | | | | | METHOD (use codes) | CONTROL EFF. | |
| NA | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

TYPE OF LOADING CODES (column 3)
1. Overhead loading – splash fill, normal service
2. Overhead loading – submerged fill, normal service
3. Bottom loading – normal service
4. Overhead loading – splash fill, balanced service
5. Overhead loading – submerged fill, balanced service
6. Bottom loading – balanced service

TYPE OF HATCH VAPOR CLOSURE ON LOADING ARM CODES (column 5)
1. Incineration
2. Greenwood
3. Soco
4. Chiksan
5. None – open to air
6. Other (describe)

METHOD OF VAPOR RECOVERY CODES (column 6)
1. Incineration
2. Refrigerated liquid scrubber
3. Vapor balance – return system
4. Vapor absorption system
5. Vapor compressor – condensor system
6. None – open to air
7. Other (describe)

THROUGHPUT PER QUARTER AS A % OF ANNUAL

January–March _____
April–June _____
July–September _____
October–December _____

OIL-WATER SEPARATORS

1. Is there an oil-water separator at this site? NO
2. Amount of product recovered per year? NA
3. Type of enclosure (open, floating roof, sealed cover)? NA
4. Name of product(s) recovered? NA
5. Is the oil-water separator vented to any vapor recovery system at your site? NA

TE OF IDAHO
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SECTION 7: HAZARDOUS/TOXIC MATERIALS (complete a separate page for each material)

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF MATERIAL HANDLED OR EMITTED | 3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) | 4. AMOUNT HANDLED OR PROCESSED (lb/hr) | (Tons/yr) |
|---|---|---|---|---|
| AREA SOURCE | 121-67-7 N, N DiMeth | FIBERGLASS | .06 | .21 |

5. THROUGHPUT PER QUARTER AS PERCENTAGE OF ANNUAL

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

6. OPERATING SCHEDULE

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

7. ESTIMATED EMISSIONS

| | |
|---|---|
| .061 | lbs/hr |
| .21 | Tons/yr |

8. STACK DATA

| | | |
|---|---|---|
| height | AREA SOURCE | ft |
| exit diameter | | ft |
| exit velocity | | fpm |
| exit gas volume | | acfm |
| exit gas temperature | | F |

10. POLLUTION CONTROL EQUIPMENT

type NA
manufacturer
cost
model number
% efficiency

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

11. METHOD OF DISPOSAL OF WASTE MATERIALS

9. METHOD TO CONTROL FUGITIVE EMISSIONS

NA

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 7: HAZARDOUS/TOXIC MATERIALS (complete a separate page for each material)

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF MATERIAL HANDLED OR EMITTED | 3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) | 4. AMOUNT HANDLED OR PROCESSED (lb/hr) | (Tons/yr) |
|---|---|---|---|---|
| AREA SOURCE | 1330-21-7 Xylene | FIBERGLASS | .029 | .1 |

5. THROUGHPUT PER QUARTER AS PERCENTAGE OF ANNUAL

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

6. OPERATING SCHEDULE

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

7. ESTIMATED EMISSIONS

| | |
|---|---|
| .029 | lbs/hr |
| .1 | Tons/yr |

8. STACK DATA

| | | |
|---|---|---|
| height | AREA SOURCE | ft |
| exit diameter | | ft |
| exit velocity | | fpm |
| exit gas volume | | acfm |
| exit gas temperature | | F |

10. POLLUTION CONTROL EQUIPMENT

type NA
manufacturer
cost
model number
% efficiency

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

11. METHOD OF DISPOSAL OF WASTE MATERIALS

9. METHOD TO CONTROL FUGITIVE EMISSIONS

NA

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 7: HAZARDOUS/TOXIC MATERIALS (complete a separate page for each material)

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF MATERIAL HANDLED OR EMITTED | 3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) | 4. AMOUNT HANDLED OR PROCESSED (lb/hr) | (Tons/yr) |
|---|---|---|---|---|
| AREA SOURCE | 100-41-4 Ethyl Benz | FIBERGLASS | .001 | .005 |

5. THROUGHPUT PER QUARTER AS PERCENTAGE OF ANNUAL

| | |
|---|---|
| January - March | .25 |
| April - June | .25 |
| July - September | .25 |
| October - December | .25 |

6. OPERATING SCHEDULE

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

7. ESTIMATED EMISSIONS

| | |
|---|---|
| .001 | lbs/hr |
| .005 | Tons/yr |

8. STACK DATA

| | | |
|---|---|---|
| height | AREA SOURCE | ft |
| exit diameter | | ft |
| exit velocity | | fpm |
| exit gas volume | | acfm |
| exit gas temperature | | F |

10. POLLUTION CONTROL EQUIPMENT

type NA
manufacturer
cost
model number
% efficiency

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

11. METHOD OF DISPOSAL OF WASTE MATERIALS

9. METHOD TO CONTROL FUGITIVE EMISSIONS

NA

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 7: HAZARDOUS/TOXIC MATERIALS (complete a separate page for each material)

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF MATERIAL HANDLED OR EMITTED | 3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) | 4. AMOUNT HANDLED OR PROCESSED (lb/hr) | (Tons/yr) |
|---|---|---|---|---|
| AREA SOURCE | 8052-41-3 Mineral Spirits | FIBERGLASS | .002 | .008 |

**5. THROUGHPUT PER QUARTER AS PERCENTAGE OF ANNUAL**

| | |
|---|---|
| January – March | 25 |
| April – June | 25 |
| July – September | 25 |
| October – December | 25 |

**6. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**7. ESTIMATED EMISSIONS**

| | |
|---|---|
| .002 | lbs/hr |
| .008 | Tons/yr |

**8. STACK DATA**

| | | |
|---|---|---|
| height | AREA SOURCE | ft |
| exit diameter | | ft |
| exit velocity | | fpm |
| exit gas volume | | acfm |
| exit gas temperature | | F |

**10. POLLUTION CONTROL EQUIPMENT**

type NA
manufacturer
cost
model number
% efficiency

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

**11. METHOD OF DISPOSAL OF WASTE MATERIALS**

**9. METHOD TO CONTROL FUGITIVE EMISSIONS**

NA

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 7: HAZARDOUS/TOXIC MATERIALS (complete a separate page for each material)

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF MATERIAL HANDLED OR EMITTED | 3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) | 4. AMOUNT HANDLED OR PROCESSED (lb/hr) | (Tons/yr) |
|---|---|---|---|---|
| AREA SOURCE | 80-62-6 Meth Merc | FIBERGLASS | .002 | .006 |

5. THROUGHPUT PER QUARTER AS PERCENTAGE OF ANNUAL

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

6. OPERATING SCHEDULE

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

7. ESTIMATED EMISSIONS

.002 lbs/hr
.006 Tons/yr

8. STACK DATA

| | | |
|---|---|---|
| height | AREA SOURCE | ft |
| exit diameter | | ft |
| exit velocity | | fpm |
| exit gas volume | | acfm |
| exit gas temperature | | F |

10. POLLUTION CONTROL EQUIPMENT

type NA
manufacturer
cost
model number
% efficiency

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

11. METHOD OF DISPOSAL OF WASTE MATERIALS

9. METHOD TO CONTROL FUGITIVE EMISSIONS

NA

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 7: HAZARDOUS/TOXIC MATERIALS (complete a separate page for each material)

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF MATERIAL HANDLED OR EMITTED | 3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) | 4. AMOUNT HANDLED OR PROCESSED (lb/hr) | (Tons/yr) |
|---|---|---|---|---|
| AREA SOURCE | 101-68-8<br>1,1 Meth | FIBERGLASS | .003 | .009 |

5. THROUGHPUT PER QUARTER AS PERCENTAGE OF ANNUAL

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

6. OPERATING SCHEDULE

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

7. ESTIMATED EMISSIONS

| | |
|---|---|
| .003 | lbs/hr |
| .009 | Tons/yr |

8. STACK DATA

| | | |
|---|---|---|
| height | AREA SOURCE | ft |
| exit diameter | | ft |
| exit velocity | | fpm |
| exit gas volume | | acfm |
| exit gas temperature | | F |

10. POLLUTION CONTROL EQUIPMENT

type NA
manufacturer
cost
model number
% efficiency

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

11. METHOD OF DISPOSAL OF WASTE MATERIALS

9. METHOD TO CONTROL FUGITIVE EMISSIONS

NA

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 7: HAZARDOUS/TOXIC MATERIALS (complete a separate page for each material)

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF MATERIAL HANDLED OR EMITTED | 3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) | 4. AMOUNT HANDLED OR PROCESSED (lb/hr) | (Tons/yr) |
|---|---|---|---|---|
| AREA SOURCE | 75-09-2 Meth Chlor | FIBERGLASS | .034 | .117 |

**5. THROUGHPUT PER QUARTER AS PERCENTAGE OF ANNUAL**

| | |
|---|---|
| January – March | 25 |
| April – June | 25 |
| July – September | 25 |
| October – December | 25 |

**6. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**7. ESTIMATED EMISSIONS**

| | |
|---|---|
| .034 | lbs/hr |
| .117 | Tons/yr |

**8. STACK DATA**

| | | |
|---|---|---|
| height | AREA SOURCE | ft |
| exit diameter | | ft |
| exit velocity | | fpm |
| exit gas volume | | acfm |
| exit gas temperature | | F |

**10. POLLUTION CONTROL EQUIPMENT**

type: NA
manufacturer:
cost:
model number:
% efficiency:

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

**11. METHOD OF DISPOSAL OF WASTE MATERIALS**

**9. METHOD TO CONTROL FUGITIVE EMISSIONS**

NA

ATE OF IDAHO
PLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 7: HAZARDOUS/TOXIC MATERIALS (complete a separate page for each material)

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF MATERIAL HANDLED OR EMITTED | 3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) | 4. AMOUNT HANDLED OR PROCESSED (lb/hr) | (Tons/yr) |
|---|---|---|---|---|
| 25% AREA SOURCE<br>75% POINT SOURCE | 78-93-3<br>MEK | FIBERGLASS | .082 | APPROX .28 |

5. THROUGHPUT PER QUARTER AS PERCENTAGE OF ANNUAL

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

6. OPERATING SCHEDULE

| | |
|---|---|
| Hours per day | VARIES |
| Days per week | VARIES |
| Weeks per year | VARIES |

7. ESTIMATED EMISSIONS

.082 lbs/hr
APPROX. 28 Tons/yr

8. STACK DATA

| | | |
|---|---|---|
| height | AREA SOURCE | ft |
| exit diameter | | ft |
| exit velocity | | fpm |
| exit gas volume | | acfm |
| exit gas temperature | | F |

10. POLLUTION CONTROL EQUIPMENT

type NA
manufacturer
cost
model number
% efficiency

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

11. METHOD OF DISPOSAL OF WASTE MATERIALS

9. METHOD TO CONTROL FUGITIVE EMISSIONS

NA

REV. 4/5/94

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 7: HAZARDOUS/TOXIC MATERIALS (complete a separate page for each material)

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF MATERIAL HANDLED OR EMITTED | 3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) | 4. AMOUNT HANDLED OR PROCESSED (lb/hr) | (Tons/yr) |
|---|---|---|---|---|
| AREA SOURCE | 123-42-2 Dia Alcohol | FIBERGLASS | .006 | .02 |

5. THROUGHPUT PER QUARTER AS PERCENTAGE OF ANNUAL

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

6. OPERATING SCHEDULE

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

7. ESTIMATED EMISSIONS

| | |
|---|---|
| .006 | lbs/hr |
| .02 | Tons/yr |

8. STACK DATA

| | | |
|---|---|---|
| height | AREA SOURCE | ft |
| exit diameter | | ft |
| exit velocity | | fpm |
| exit gas volume | | acfm |
| exit gas temperature | | F |

10. POLLUTION CONTROL EQUIPMENT

type NA
manufacturer
cost
model number
% efficiency

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

11. METHOD OF DISPOSAL OF WASTE MATERIALS

9. METHOD TO CONTROL FUGITIVE EMISSIONS

NA

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 7: HAZARDOUS/TOXIC MATERIALS (complete a separate page for each material)

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF MATERIAL HANDLED OR EMITTED | 3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) | 4. AMOUNT HANDLED OR PROCESSED (lb/hr) | (Tons/yr) |
|---|---|---|---|---|
| AREA SOURCE | 94-36-0 Benz Perox | FIBERGLASS | 1.89 | 6.47 |

**5. THROUGHPUT PER QUARTER AS PERCENTAGE OF ANNUAL**

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

**6. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**7. ESTIMATED EMISSIONS**

| | |
|---|---|
| 1.89 | lbs/hr |
| 6.47 | Tons/yr |

**8. STACK DATA**

| | | |
|---|---|---|
| height | AREA SOURCE | ft |
| exit diameter | | ft |
| exit velocity | | fpm |
| exit gas volume | | acfm |
| exit gas temperature | | F |

**10. POLLUTION CONTROL EQUIPMENT**

type NA
manufacturer
cost
model number
% efficiency

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

**11. METHOD OF DISPOSAL OF WASTE MATERIALS**

**9. METHOD TO CONTROL FUGITIVE EMISSIONS**

NA

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 7: HAZARDOUS/TOXIC MATERIALS (complete a separate page for each material)

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF MATERIAL HANDLED OR EMITTED | 3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) | 4. AMOUNT HANDLED OR PROCESSED (lb/hr) | (Tons/yr) |
|---|---|---|---|---|
| AREA SOURCE | 1338-23-4 MEKP | FIBERGLASS | .048 | .166 |

**5. THROUGHPUT PER QUARTER AS PERCENTAGE OF ANNUAL**

| | |
|---|---|
| January – March | 25 |
| April – June | 25 |
| July – September | 25 |
| October – December | 25 |

**6. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**7. ESTIMATED EMISSIONS**

.048 lbs/hr
.166 Tons/yr

**8. STACK DATA**

| | | |
|---|---|---|
| height | AREA SOURCE | ft |
| exit diameter | | ft |
| exit velocity | | fpm |
| exit gas volume | | acfm |
| exit gas temperature | | F |

**10. POLLUTION CONTROL EQUIPMENT**

type NA
manufacturer
cost
model number
% efficiency

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

**11. METHOD OF DISPOSAL OF WASTE MATERIALS**

**9. METHOD TO CONTROL FUGITIVE EMISSIONS**

NA

STATE OF IDAHO
APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 7: HAZARDOUS/TOXIC MATERIALS (complete a separate page for each material)

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF MATERIAL HANDLED OR EMITTED | 3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) | 4. AMOUNT HANDLED OR PROCESSED (lb/hr) | (Tons/yr) |
|---|---|---|---|---|
| AREA SOURCE | 131-11-3 DiMeth Pha | FIBERGLASS | .048 | .166 |

5. THROUGHPUT PER QUARTER AS PERCENTAGE OF ANNUAL

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

6. OPERATING SCHEDULE

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

7. ESTIMATED EMISSIONS

| | |
|---|---|
| .048 | lbs/hr |
| .166 | Tons/yr |

8. STACK DATA

| | | |
|---|---|---|
| height | AREA SOURCE | ft |
| exit diameter | | ft |
| exit velocity | | fpm |
| exit gas volume | | acfm |
| exit gas temperature | | F |

10. POLLUTION CONTROL EQUIPMENT

type NA
manufacturer
cost
model number
% efficiency

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

11. METHOD OF DISPOSAL OF WASTE MATERIALS

9. METHOD TO CONTROL FUGITIVE EMISSIONS

NA

ATE OF IDAHO
PLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 7: HAZARDOUS/TOXIC MATERIALS (complete a separate page for each material)

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF MATERIAL HANDLED OR EMITTED | 3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) | 4. AMOUNT HANDLED OR PROCESSED (lb/hr) | (Tons/yr) |
|---|---|---|---|---|
| AREA SOURCE | STYRENE | FIBERGLASS | 117.61 | 403.7 |

**5. THROUGHPUT PER QUARTER AS PERCENTAGE OF ANNUAL**

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

**6. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**7. ESTIMATED EMISSIONS**

| | |
|---|---|
| 7.95 | lbs/hr |
| 27.28 | Tons/yr |

**8. STACK DATA**

| | | |
|---|---|---|
| height | AREA SOURCE | ft |
| exit diameter | | ft |
| exit velocity | | fpm |
| exit gas volume | | acfm |
| exit gas temperature | | F |

**10. POLLUTION CONTROL EQUIPMENT**

type NA
manufacturer
cost
model number
% efficiency

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

**11. METHOD OF DISPOSAL OF WASTE MATERIALS**

**9. METHOD TO CONTROL FUGITIVE EMISSIONS**

NA

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TATE OF IDAHO
PLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 7: HAZARDOUS/TOXIC MATERIALS (complete a separate page for each material)

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF MATERIAL HANDLED OR EMITTED | 3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) | 4. AMOUNT HANDLED OR PROCESSED (lb/hr) | (Tons/yr) |
|---|---|---|---|---|
| AREA SOURCE | 67-64-1 Acetone | FIBERGLASS | 5.975 | 20.5 |

5. THROUGHPUT PER QUARTER AS PERCENTAGE OF ANNUAL

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

6. OPERATING SCHEDULE

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

7. ESTIMATED EMISSIONS

| | |
|---|---|
| 5.975 | lbs/hr |
| 20.5 | Tons/yr |

8. STACK DATA

| | | |
|---|---|---|
| height | AREA SOURCE | ft |
| exit diameter | | ft |
| exit velocity | | fpm |
| exit gas volume | | acfm |
| exit gas temperature | | F |

10. POLLUTION CONTROL EQUIPMENT

| | |
|---|---|
| type | NA |
| manufacturer | |
| cost | |
| model number | |
| % efficiency | |

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

11. METHOD OF DISPOSAL OF WASTE MATERIALS

9. METHOD TO CONTROL FUGITIVE EMISSIONS

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STATE OF IDAHO
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SECTION 7: HAZARDOUS/TOXIC MATERIALS (complete a separate page for each material)

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF MATERIAL HANDLED OR EMITTED | 3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) | 4. AMOUNT HANDLED OR PROCESSED (lb/hr) | (Tons/yr) |
|---|---|---|---|---|
| AREAS SOURCE | 108-88-3 Tolvene | FIBERGLASS | .038 | .13 |

**5. THROUGHPUT PER QUARTER AS PERCENTAGE OF ANNUAL**

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

**6. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**7. ESTIMATED EMISSIONS**

| | |
|---|---|
| .038 | lbs/hr |
| .13 | Tons/yr |

**8. STACK DATA**

| | | |
|---|---|---|
| height | AREA SOURCE | ft |
| exit diameter | | ft |
| exit velocity | | fpm |
| exit gas volume | | acfm |
| exit gas temperature | | F |

**10. POLLUTION CONTROL EQUIPMENT**

type: NA
manufacturer:
cost:
model number:
% efficiency:

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

**11. METHOD OF DISPOSAL OF WASTE MATERIALS**

**9. METHOD TO CONTROL FUGITIVE EMISSIONS**

NA

STATE OF IDAHO
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SECTION 7: HAZARDOUS/TOXIC MATERIALS (complete a separate page for each material)

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF MATERIAL HANDLED OR EMITTED | 3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) | 4. AMOUNT HANDLED OR PROCESSED (lb/hr) | (Tons/yr) |
|---|---|---|---|---|
| AREA SOURCE | 8006-64-2 Turpentine | FIBERGLASS | .002 | .008 |

**5. THROUGHPUT PER QUARTER AS PERCENTAGE OF ANNUAL**

| | |
|---|---|
| January – March | 25 |
| April – June | 25 |
| July – September | 25 |
| October – December | 25 |

**6. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 24 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**7. ESTIMATED EMISSIONS**

| | |
|---|---|
| .002 | lbs/hr |
| .008 | Tons/yr |

**8. STACK DATA**

| | | |
|---|---|---|
| height | AREA SOURCE | ft |
| exit diameter | | ft |
| exit velocity | | fpm |
| exit gas volume | | acfm |
| exit gas temperature | | F |

**10. POLLUTION CONTROL EQUIPMENT**

type: NA
manufacturer:
cost:
model number:
% efficiency:

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

**11. METHOD OF DISPOSAL OF WASTE MATERIALS**

**9. METHOD TO CONTROL FUGITIVE EMISSIONS**

NA

STATE OF IDAHO
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SECTION 7: HAZARDOUS/TOXIC MATERIALS (complete a separate page for each material)

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF MATERIAL HANDLED OR EMITTED | 3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) | 4. AMOUNT HANDLED OR PROCESSED (lb/hr) | (Tons/yr) |
|---|---|---|---|---|
| POINT SOURCE | 109-99-9 THF | FIBERGLASS | .059 | .13 |

**5. THROUGHPUT PER QUARTER AS PERCENTAGE OF ANNUAL**

| | |
|---|---|
| January - March | 25 |
| April - June | 25 |
| July - September | 25 |
| October - December | 25 |

**6. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 16 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**7. ESTIMATED EMISSIONS**

| | |
|---|---|
| .059 | lbs/hr |
| .13 | Tons/yr |

**8. STACK DATA**

| | | |
|---|---|---|
| height | | ft |
| exit diameter | | ft |
| exit velocity | | fpm |
| exit gas volume | | acfm |
| exit gas temperature | | F |

**10. POLLUTION CONTROL EQUIPMENT**

| | |
|---|---|
| type | NA |
| manufacturer | |
| cost | |
| model number | |
| % efficiency | |

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

**11. METHOD OF DISPOSAL OF WASTE MATERIALS**

**9. METHOD TO CONTROL FUGITIVE EMISSIONS**

NA

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ATE OF IDAHO
PLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

SECTION 7: HAZARDOUS/TOXIC MATERIALS (complete a separate page for each material)

| 1. UNIQUE REFERENCE NUMBER (assigned by applicant) | 2. TYPE OF MATERIAL HANDLED OR EMITTED | 3. PROCESS NAME/ DESCRIPTION (use separate sheets if necessary) | 4. AMOUNT HANDLED OR PROCESSED (lb/hr) | (Tons/yr) |
|---|---|---|---|---|
| POINT SOURCE | 108-94-1 Cyclo | FIBERGLASS | .008 | .02 |

**5. THROUGHPUT PER QUARTER AS PERCENTAGE OF ANNUAL**

| | |
|---|---|
| January – March | 25 |
| April – June | 25 |
| July – September | 25 |
| October – December | 25 |

**6. OPERATING SCHEDULE**

| | |
|---|---|
| Hours per day | 16 |
| Days per week | 5.5 |
| Weeks per year | 52 |

**7. ESTIMATED EMISSIONS**

| | |
|---|---|
| .008 | lbs/hr |
| .02 | Tons/yr |

**8. STACK DATA**

| | | |
|---|---|---|
| height | | ft |
| exit diameter | | ft |
| exit velocity | | fpm |
| exit gas volume | | acfm |
| exit gas temperature | | F |

**10. POLLUTION CONTROL EQUIPMENT**

type NA
manufacturer
cost
model number
% efficiency

MANUFACTURER GUARANTEED _____ yes _____ no

for wet scrubbers:
water flow _____ gpm
pressure drop _____ inches of water

for baghouse:
air/cloth ratio _____

**11. METHOD OF DISPOSAL OF WASTE MATERIALS**

**9. METHOD TO CONTROL FUGITIVE EMISSIONS**

NA

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APPLICATION TO CONSTRUCT AN AIR POLLUTION EMITTING FACILITY

## SECTION 8: MATERIAL TRANSPORT AND HANDLING

Describe the raw material and product transport and storage. Description should include transport equipment and a sketch of the site layout.

### BELT CONVEYORS NA

Material conveyed _____
Number of belts _____
Amount conveyed _____ Tons/yr at _____ % moisture
Number of transfer points _____
Conveyors are: ____ open ____ enclosed ____ in a building
Transfer points are: ____ open ____ enclosed ____ in a building

### PNEUMATIC CONVEYORS NA

Material conveyed _____
Amount conveyed _____ Tons/yr at _____ % moisture
Primary separator: type _____ efficiency _____
Secondary separator: type _____ efficiency _____

### STORAGE NA

Open piles
- Annual throughput _____ Tons/yr
- Capacity _____ Tons
- Characteristic size _____ (length by width by height)
- How loaded _____ at _____ Tons/hr
- How withdrawn _____ at _____ Tons/hr

Silos
- Size _____
- Vent control _____
- How loaded _____ at _____ Tons/hr
- How withdrawn _____ at _____ Tons/hr

### MATERIAL TRANSPORT

To plant
- Method of transport: BULK RESIN - SEMI TANKER, GEL COAT - SEMI TRUCK
- Amount transported: NA Tons/yr

From site
- Method of transport: FINISHED PRODUCT - TRUCK
- Amount transported: NA Tons/yr